

**PATENT**  
*Attorney Docket No. P06273US01*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent application of: LUEDTKE, JR., et al.

For: INBRED MAIZE LINE PH3PG,

the specification of which is being transmitted herewith.

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

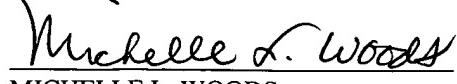
Attached are copies of PTO 1449A and PTO-892 listing the relevant art known to the applicant herein. The Examiner is requested to consider the references and make them of record. This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. 09/490,345, filed on January 24, 2000. Each of the references listed on Forms PTO 1449A and PTO-892 were submitted to, and/or cited by, the Patent Office in the prior application(s) and, therefore, are not required to be provided in this application.

Applicant discloses herewith patents, publications or other information, of which he is aware that he believes may be material to the examination of this application, and in respect of which, there may be a duty to disclose. Legible copies of all items listed in Forms PTO/SB/08A

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and 08B (formerly Form PTO-1449) accompany this information statement, except those identified above.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

Respectfully submitted,



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Attorneys of Record

Form PTO 1449-A				ATTY. DOCKET NO. 1210	Application No. 09/490,345		
INFORMATION DISCLOSURE CITATION				Applicant Roy Luedtke, Jr. and Douglas Paul Sprehe			
(Use several sheets if necessary)				Filing Date January 24, 2000	Group Art Unit		
U.S. & FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLA SS	FILING DATE
					1   6   0   3   9   0	EP	
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
A1		Conger, B.V., et al. (1987) "Somatic Embryogenesis From Cultured Leaf Segments of <i>Zea Mays</i> ", <u>Plant Cell Reports</u> , 6:345-347.					
A2		Duncan, D.R., et al. (1985) "The Production of Callus Capable of Plant Regeneration From Immature Embryos of Numerous <i>Zea Mays</i> Genotypes", <u>Planta</u> , 165:322-332.					
A3		Edallo, et al. (1981) "Chromosomal Variation and Frequency of Spontaneous Mutation Associated with <i>In Vitro</i> Culture and Plant Regeneration in Maize", <u>Maydica</u> , XXVI: 39-56.					
A4		Green, et al., (1975) "Plant Regeneration From Tissue Cultures of Maize", <u>Crop Science</u> , Vol. 15, pp. 417-421.					
A5		Green, C.E., et al. (1982) "Plant Regeneration in Tissue Cultures of Maize" <u>Maize for Biological Research</u> , pp. 367-372.					
A6		Hallauer, A.R. et al. (1988) "Corn Breeding" <u>Corn and Corn Improvement</u> , No. 18, pp. 463-481.					
A7		Meghji, M.R., et al. (1984). "Inbreeding Depression, Inbred & Hybrid Grain Yields, and Other Traits of Maize Genotypes Representing Three Eras", <u>Crop Science</u> , Vol. 24, pp. 545-549.					
A8		Phillips, et al. (1988) "Cell/Tissue Culture and <i>In Vitro</i> Manipulation", <u>Corn &amp; Corn Improvement</u> , 3rd Ed., ASA Publication, No. 18, pp. 345-387.					
A9		Poehlman et al., (1995) <u>Breeding Field Crop</u> , 4th Ed., Iowa State University Press, Ames, IA., pp. 132-155 and 321-344.					
A10		Rao, K.V., et al., (1986)"Somatic Embryogenesis in Glume Callus Cultures", <u>Maize Genetics Cooperative Newsletter</u> , No. 60 , pp. 64-65					
A11		Sass, John F. (1977) "Morphology", <u>Corn &amp; Corn Improvement</u> , ASA Publication. Madison, Wisconsin, pp. 89-109.					
A12		Songstad, D.D. et al. (1988) "Effect of ACC (1-aminocyclopropane-1-carboxylic acid), Silver Nitrate & Norbonadiene on Plant Regeneration From Maize Callus Cultures", <u>Plant Cell Reports</u> , 7:262-265.					
A13		Tomes, et al. (1985) "The Effect of Parental Genotype on Initiation of Embryogenic Callus From Elite Maize ( <i>Zea Mays L.</i> ) Germplasm". <u>Theor. Appl. Genet.</u> , Vol. 70, p. 505-509.					
A14		Troyer, et al. (1985) "Selection for Early Flowering in Corn: 10 Late Synthetics", <u>Crop Science</u> , Vol. 25, pp. 695-697.					
A15		Umbeck, et al. (1983) "Reversion of Male-Sterile T-Cytoplasm Maize to Male Fertility in Tissue Culture", <u>Crop Science</u> , Vol. 23, pp. 584-588.					
A16		Wright, Harold (1980) "Commercial Hybrid Seed Production", <u>Hybridization of Crop Plants</u> , Ch. 8: 161-176.					
A17		Wych, Robert D. (1988) "Production of Hybrid Seed", <u>Corn and Corn Improvement</u> , Ch. 9, pp. 565-607.					
A18		Lee, Michael (1994) "Inbred Lines of Maize and Their Molecular Markers", <u>The Maize Handbook</u> Ch. 65:423-432					
A19		Boppenmaier, et al., "Comparisons Among Strains of Inbreds for RFLPs", <u>Maize Genetics Cooperative Newsletter</u> , 65:1991, pg. 90					
A20		Smith, J.S.C.. et al., "The Identification of Female Selfs in Hybrid Maize: A Comparison Using Electrophoresis and Morphology", <u>Seed Science and Technology</u> 14, 1-8					
EXAMINER				DATE CONSIDERED			
<p><small>"EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant."</small></p>							

<b>Notice of References Cited</b>		Application/Control No.	Applicant(s)/Patent Under Reexamination	
		09/490,345	LUEDTKE ET AL.	
		Examiner	Art Unit	Page 1 of 1
		Ashwin Mehta	1638	

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5,523,520	06-1996	Hunsperger et al	800/200
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Kraft et al, "Linkage disequilibrium and fingerprinting in sugar beet", 2000, Theor Appl Genet Vol. 101, pp. 323-326.
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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		Examiner	Art Unit Ashwin Mehta	1638 Page 1 of 1

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	K	US-			
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	M	US-			

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	N					
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	Q					
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	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)		
*	U	International Convention for the Protection of New Varieties of Plants, UPOV Convention Publication No. 438(E), 1991		
*	V	Openshaw et al., Proceedings Symposium of the Analysis of Molecular Data, August 1994, pages 41-43		
*	W	Poethig, R.S. 1982. Maize, theplant and its parts, In: Maize For Biological Research, W.F. Sheridan, Ed., University of North Dakota Press, Grand Forks, ND, pages 9-18		
*	X	Berry et al., Genetics, 2002, Vol. 161, pages 813-821		

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.